D The Invention Claimed is

~~Patent claims~~

1. Flying shears (1) with cutting tools (6, 7) located on drums (2, 3) facing each other, which tools are accelerable by at least one driving device (8) assigned to them to a peripheral speed corresponding to the speed of the strip (9) to be cut and with separately controllable adjusting device assigned to one of the drums mounted on rockers (4), ~~characterized in that~~ wherein one of the drums (3) is mounted on rockers (4), that the adjusting device consists of drives (12, 13) effecting the cutting movement and support elements (10) located between said drives and the rockers (4) and that the support elements (10) are shortenable to an effective position effecting a cut.

2. Flying shears according to claim 1, ~~characterized in that~~ wherein the support elements (10) are lockable in their effective length.

3. Flying shears according to ~~one of claims 1 or 2,~~ claim 1, ~~characterized in that~~ wherein the drive is configured as a crank (12).

4. Flying shears according to ~~one of claims 1 or 2, characterized in that~~ claim 1, wherein the drive is configured as a piston-cylinder unit (16).

5. Flying shears according to ~~one of claims 1 through 4, characterized in that~~ claim 1, wherein a synchronization (14, 14') is provided between the driving devices (8) and the drives (12, 13).

6. Flying shears according to ~~one of claims 1 through 5, characterized in that~~ claim 1, wherein the cutting tools (6, 7) are configured as a chisel (6) located on a drum (2) and as a jacket area acting as an anvil (7) located on the second drum (3).

7. Flying shears according to ~~one of claims 1 through 6, characterized in that~~ claim 1, wherein the support elements (10) are bringable into their effective position before the beginning of the working stroke of the drives (12, 13).

8. Flying shears (1') with cutting tools (6', 7') located on drums (2', 3') facing each other, which tools are accelerable by at least one driving device (8') assigned to them to a peripheral speed corresponding to the speed of the strip (9') to be cut and with separately controllable adjusting device assigned to one of the drums (2'), ~~characterized in that~~ wherein one of the drums (3') is mounted on rockers (4'), that the rockers (4') are supported by means of support elements (10'), that the support elements (10') are shortenable to an effective position effecting a cut, that the adjusting device has cranks (12') which are connected with the second drum (2'), and said second drum is capable of leading to the cut through paraxial displacement towards the first drum (3').

9. Flying shears according to claim 8, ~~characterized in that~~ wherein the support elements (10') are lockable in their effective length.

10. Flying shears according to claims 8 or claim 9, ~~characterized in that~~ wherein a synchronization is provided between the driving devices (8') and the cranks (12').

11. Flying shears according to one of claims 8 through 10, ~~characterized in that~~ wherein the cutting tools (6', 7') are configured as a chisel (6') located on a drum (2') and as a jacket area acting as an anvil (7') located on the second drum (3').

12. Flying shears according to one of claims 8 through 11, ~~characterized in that~~ wherein the support elements (10') are bringable into effective position before the beginning of the working stroke of the cranks (12').

13. Flying shears according to one of claims 1 through 12, ~~characterized in that~~ wherein the shears (1, 1') are an integral part of a coiler (18-20).